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ABSTRACT OF THE DISCLOSURE

A system for transmitting uncompressed digital video information over long distances. A source signal, such as from a digital video camera, is equalized, reclocked and converted to a light laser light signal and transmitted to a distinct site via a fiber optic cable. At the distant site, the signal is converted back into an electrical signal for an end use, such as a monitor, editing equipment, etc. As an aid to operation and troubleshooting, at the transmitter the level of the incoming signal is detected and passed to a data rate and level encoder together with data rate information from the reclocker. A CBI driver then activates a series of light emitting diodes to indicate data rate, signal level and power status. A similar display is provided at the receiver displaying data rate, degree of lock and power status. Thus, a high quality signal is received by the end user since any discrepancies in the signal are corrected in the transmitter and receiver.

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